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U.S. Patent Application Serial No. 10/791,046

For: SELECTING A PROFILE MODEL FOR USE IN OPTICAL METROLOGY USING A MACHINE LEARNING SYSTEM

By: Emmanuel DREGE et al. Our Reference: 50998-20059.00

Attached is the following:

- 1. Transmittal (1 Page)
- 2. Amendment Under 37 CFR 1.111 (4 pages)

sf-2084183

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PTC/88/21 (09-04)

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Fee Attached		March 1, 2004	Filing Date	TRANSMITTAL		
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Date August 2, 2006 Reg. No. 44,417		44,417	Reg. No.		August 2, 2006	Date
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Docket No.: 509982005900

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Emmanuel DREGE et al.

Application No.: 10/791,046

Filed: March 1, 2004

For: SELECTING A PROFILE MODEL FOR USE

IN OPTICAL METROLOGY USING A MACHINE LEARNING SYSTEM

Art Unit: 2129

Confirmation No.: 1279

Examiner: G. Davis

AMENDMENT UNDER 37 C.F.R. 1.111

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This is in response to the non-final Office Action dated May 2, 2006 (Paper No. 20060429), for which a response is due on August 2, 2006. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.